NAUGRA®

Product name:	Product code:
Photoelectric Through Beam Sensor Trainer	CMI-NP-1969



Description

Trainer comprising a through beam emitter and receiver pair with alignment rail and target objects. Used to understand optical detection, alignment, light and dark operation and response time.

Technical specification

Rail Length	1 m aluminium profile
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Photoelectric Through Beam Sensor Trainer is designed for ITI, polytechnic and TVET laboratories. Students detect opaque, translucent and transparent objects and study how sensing range and alignment affect output reliability.

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Features

- Emitter and receiver on adjustable rail
- Light-on and dark-on selectable mode
- Sensitivity potentiometer
- Sample objects of different opacity
- Output through relay and LED

Technical Specifications

Sensor Type	Through beam photoelectric
Sensing Range	0-2 m on rail
Light Source	Red LED, 660 nm
Response Time	1 ms
Output	PNP NO/NC, 24 V DC